ABSTRACT OF THE DISCLOSURE

A system is formed with a controller connected to devices and a tool. The controller controls the devices by a control program which specifies the devices by their

5   object names. Correlation data correlating their communication addresses, assigned memory address and device names are stored in an object database. Data are transmitted and received by referencing the correlation data to specify an access address from a device name used as a key. In the case of a reuse, only the addresses need to be updated without modifying the control program.

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